

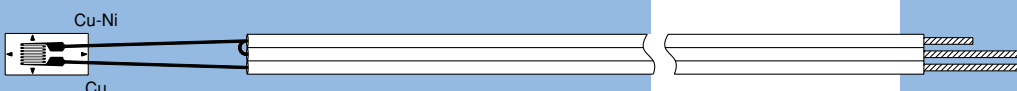
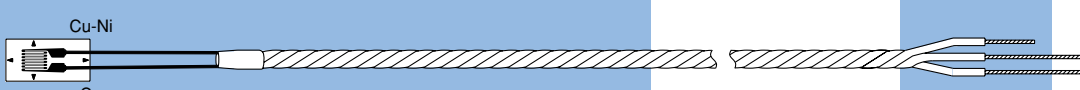
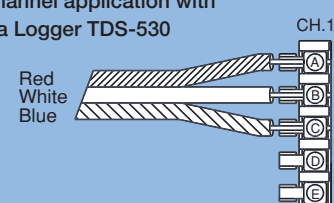
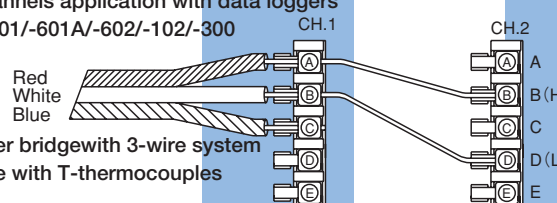
Temperature series "FLA-T" -integrated



Series F
Compatible adhesive & Operational temperature
 CN : -20~+80°C
 P-2 : -20~+80°C
 Operational temperature -20~+80°C

Series QF
Compatible adhesive & Operational temperature
 NP-50 : -20~+200°C
 C-1 : -20~+200°C CN : -20~+120°C
 Operational temperature -20~+200°C

THERMOCOUPLE USE

Gauge pattern	Leadwire pre-attached	Type	Gauge size		Backing		Resistance in Ω	
			L	W	L	W		
<p>A T-type thermocouple is integrated with an ordinary strain gauge. The T-type thermocouple is composed of the Cu and the Cu-Ni wire which are used as a lead wire of the strain gauge. Both of strain measurement with quarter bridge 3-wire method and temperature measurement are possible when combined with TML data loggers.</p> <p>●Single-element (G.F. 2.1 approx.) Series F 0.08mm² integral vinyl leadwire Total leadwire resistance per meter : 0.44 Ω</p>  <p>FLA-2T-11-3LT</p>								
							Blue-Cu White-Cu-Ni Red-Cu	
		FLA-1T-11 -17 -23		1	1.3	5.0	2.5	120
	3-wire system	FLA-2T-11 -17 -23	-3LT	2	1.5	6.5	3.0	120
		FLA-5T-11 -17 -23		5	1.5	10.0	3.0	120
<p>Series QF φ 0.2mm fluorinated resin (FEP) sheathed leadwire of 3m Total leadwire resistance per meter : 1.05 Ω</p>  <p>QFLA-2T-11-6FB-3LT</p>								
		QFLA-1T-11		1	1.3	5.0	2.5	120
	3-wire system	QFLA-2T-11 -6FB-3LT		2	1.5	6.5	3.0	120
		QFLA-5T-11		5	1.5	10.0	3.0	120
<p>●Wiring method</p> <p>A: 1 channel application with Data Logger TDS-530</p>  <p>CH.1</p> <p>Red White Blue</p> <p>B: Continuous 2 channels application with data loggers TDS-302/-303/-601/-601A/-602/-102/-300</p>  <p>CH.1 for strain Quarter bridgewith 3-wire system CH.2 for temperature with T-thermocouples</p>								
<p>* For extension of leadwires, apply exclusive leadwires. * Refer to operation manual for wiring method.</p>								